

PHOSPHATED MANURE GROWS LARGE CROPS

That stall manure and acid phosphate constitutes one of the most effective fertilizer combinations known is brought out in a new bulletin on "The Maintenance of Soil Fertility" recently issued by the Ohio Experiment Station at Wooster. The Experiment Station in testing manure and fertilizers has secured an average yield of corn of 67 bushels per acre for 21 years, or an increase of 35 bushels over the yield where no manure or fertilizer has been used.

The corn crop was grown in a rotation of corn, wheat and clover. The manure applied in this case had been

re-enforced in the stables at the rate of 40 pounds of acid phosphate per ton of manure. Eight tons was applied to the clover sod in the winter before it was plowed down for corn. The experiments show manure loses much of its fertilizing properties when allowed to be leached by rains and also that manure needs reinforcement with phosphorus to be most effective.

From this application of manure and acid phosphate there has also been an average increase of 15 bushels of wheat and 2,500 pounds of clover hay over the untreated plots in the rotation, the wheat and clover following the corn without any further manuring or fertilizing.

CRITICISES CHURCH FOR FAILURE TO MEET COMMUNITY NEEDS

Woman Speaker At Mallet Creek Farmers' Institute Gives Remarkable Address.— Other Lecturers Well Received.

BRUNSWICK INSTITUTE
FRIDAY AND SATURDAY

One of the best farmers institutes of the season was held at Mallet Creek last Friday and Saturday. This was a two day independent meeting but in all respects was up to the standard set for the state aid meetings. The deep snow and bad roads held the attendance down somewhat but the required enthusiasm was present nevertheless. The total attendance was about 250.

The two day speaker was George E. Scott, who came representing the State Grange. It was here that Scott made his first farmers institute for the state thirty years ago. These years of experience have made him an excellent entertainer and practical institute worker. Every thought was driven home in some inimitable way that made it stick. His good humor kept everybody awake and smiling. He left no doubt regarding the great work that the Grange and Farm Bureaus are doing and the good they can accomplish in the future. He stressed the need of more definite organization among the farming peoples; not for selfish motives, but for the great good such a really stable class can do in these times of unrest and class interest. The education of the consuming public to some of the problems of the farm and farmer is a necessary thing today and can only be accomplished through the organized effort on the part of the farmers themselves.

Mr. C. R. Wagner was present the first day and gave his talk on a permanent system of agriculture and the use of limestone. He stated that a permanent system of agriculture is the big duty of every farmer to posterity. "We are simply stewards of the land and should therefore leave it to those who follow us in a better condition than we received it," declared the speaker. His talks brought out the important points large part in the cities' Americanization. The following are the steps to be made for a permanent agriculture so far as soil fertility is concerned; drainage, lime, crop rotation, legumes, good livestock, phosphorus and systematic cultivation.

The practical application of these features must then be directed by common sense and good judgment. No one doubts but that these are really the vital parts of a soil fertility problem. Mr. Wagner has been in the county before this year and will aid in the Brunswick and Chatham institutes also.

The lady speaker was Miss Amy Parker, extension specialist in Americanization work for the State University. Miss Parker has been engaged in this work for two years in the city of Akron and has had a large part in the cities' Americanization work. She chose as her topics the responsibility of the community to its boys and girls. In the morning she discussed the reasons why boys and girls go to the cities and gave many sidelights on this problem from the view point of the city social workers. She forcibly criticized the failure of the church to meet the community needs and laid the most of this blame to denominational prejudice. In her work she has found that it is necessary to eliminate the church in the Americanization program as it continually has placed denomination above the needs of the job. Her plea was for the federated churches in the small communities where finance is a big problem in the securing of a good pastor. Then she stated that the big necessity was to keep the effort focused on the Christ work. When this is done she predicted that churches could federate and each could retain their denominational connections but that all would be working for the betterment of humanity in the spirit of the great Teacher. This address was a remarkable one. Many said it was the most gripping one they had ever heard on the subject.

In her second talk she laid down a number of general plans for community work on the part of the farm woman. She stressed the need of getting together on the essential things to be done for the community and stated that if it was the church that needed help to work there. If it was functioning to capacity and the schools were in need of assistance to put the effort in that direction.

Possibly both needed aid or perhaps the problem would be of an entirely different nature. According to the speaker no specific rules can be laid out until the community has made a real searching survey and the people are of a mind to do the things needed. Community groups for the purpose of assisting established agencies should be developed, girls clubs fostered, clean amusements arranged for, and all other needed forces set to work. This was a clean cut talk bringing out the responsibilities of the farm women in community development, and then giving some concrete workable basis from which to start to get these things. All who heard Miss Parker were inspired by her helpful talks. It is hoped to have her attend future meetings that others may get her message.

Mr. V. H. Davis, of the State Bureau of Markets, got as far as Cleveland but on account of delayed train and interurban service was unable to reach here for the evening meeting Friday. On Saturday evening the

Medina orchestra, aided by Miss Bigelow as reader, gave a very fine concert. This was enjoyed by all present.

The institute was held under the direction of the Mallet Creek Grange. Future institutes will be held in the same manner so for that reason no officers were elected.

Brunswick will hold their institute on Friday and Saturday, Jan. 16 and 17. The speakers will be C. R. Wagner, Dilwyn Stratton, (two days) and Mrs. Laura Reidinger.

APRIL-HATCHED CHICKENS MAKE GOOD FALL LAYERS

A test at the Ohio Experiment Station to determine the best date for hatching chicks shows that for Leghorns April 20 is thereabouts is a satisfactory date in the latitude of Wooster. Two weeks either way from this date would not be expected to affect materially the results secured with pullets.

It was found in one experiment that there is little to be gained by hatching Leghorns as early as February 22. It is difficult in normal seasons to get satisfactory hatching eggs at that time of the year and the percentage of fertility is lower. Chicks hatched at this date require brooding through a longer period and much more care than during the warmer weather. In most instances these early-hatched pullets go through a molt similar to that of one-year-old hens in October and November.

Chicks hatched even as late as June 13 have been profitable for egg production, but it is generally more difficult to rear as large a percentage of the chicks as when hatched earlier in the season. Chicks hatched in April generally prove to be satisfactory fall and winter layers. The results secured with Leghorns in these experiments will not apply to some of the slower maturing breeds.

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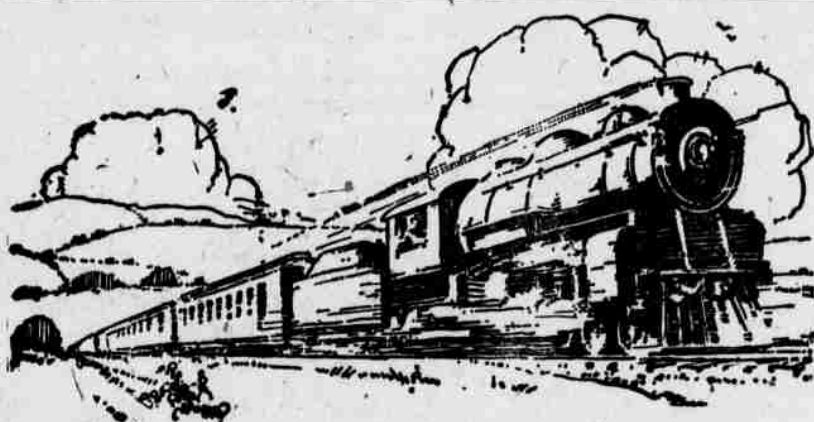
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